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ABSTRACT

During fall 1981, the characteristics of transfer and occupational students at the Maricopa County Community College District were examined to determine similarities and differences. Using information supplied by students when admitted to the colleges, 18,873 transfer students and 24,856 occupational students were identified. Although they accounted for less of the District's headcount enrollment, transfer students accounted for slightly more full-time equivalents (FTE's). Occupational students split their FTE almost evenly between vocational and nonvocational courses, while transfer students took mostly nonvocational courses. Of the transfer students, 45% enrolled for more than nine credit hours, while only 9% of the occupational students carried this many units. Transfer students were more prone to enroll in day courses than occupational students. A greater percentage of transfer students than occupational students were sophomore, male, under 19 years of age, and high school graduates. Occupational and transfer students were similar with respect to ethnicity and admission status. Large percentages of both the transfer and occupational students selected general curriculum and business majors. The bulk of this report is composed of data tables covering headcount and FTE enrollment, credit hour distributions, FTE and headcount by day/evening attendance and college, student characteristics, and majors selected at admission. (KL/AYC)

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Maricopa Community Colleges

Office of Educational Development

Analytical Studies

Research Report

81-8

TRANSFER AND OCCUPATIONAL STUDENT ENROLLMENT
FALL 1980-81

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REPORT NO: 81-8

TITLE: Transfer and Occupational Student Enrollment
Fall 1980-81

DATE PREPARED: September, 1981

PREPARED BY: Marilyn Bresler

SOURCES: Computer reports S90027 and S90028, 45th day data, Fall 1980-81, were used.

DATA DESCRIPTION AND SUMMARY: This report summarizes some of the similarities and differences in the enrollment of transfer and occupational students. Students are asked to answer the following question on their application form:

> "At this time, would you say that the major emphasis of your program is mostly occupational or mostly transfer?"

The distinction between transfer and occupational, then, is based on how students replied at the time of admission and is not based on the actual courses or programs in which they enrolled.

Table 1 shows headcount and FTSE for transfer and occupational students for Fall 1980-81. Transfer students were fewer in number than occupational students (31% vs. 41% of the total district headcount) but they accounted for slighly more FTSE (39% vs. 37% of the total district FTSE).

Total FTSE is broken down into vocational course FTSE and non-vocational course FTSE. Occupational students split their FTSE almost evenly between vocational and non-vocational courses (5027 vs. 5725, respectively). Transfer students took mostly non-vocational courses (9159 vs. 2119).

Table 2 shows the credit hour distributions of transfer and occupational students for Fall 1980-81. As indicated by the data described above, transfer students enrolled for more hours than occupational students. There were 8432 transfer students enrolled for 10 or more hours. This represents 14% of the district headcount but 26% of the district total FTSE for Fall 1980-81.

Tables 3 and 4 show FTSE and headcount, respectively, for transfer and occupational students, for the district and each college, with breakdowns by day and evening. Transfer students tended to be day students. Occupational students attended mostly in the evening, but split their FTSE between day and evening.

Table 5 is a summary of student characteristics.

Class	There was a higher percent of sophomores among the transfer students than among the occupational students.
Sex	There was a higher percent of females among the occupational students than among the transfer students.
Ethnic	Transfer and occupational students were similar with respect to the percent of minority and white students.
Age	Occupational students were older than transfer students. Forty percent of the occupational students were 30 years or more in contrast to only 25% of the transfer students being 30 years or more.
Admission Status	Transfer and occupational students were similar with respect to admission status except for a slightly lower percent of high school grads among the occupational students.
Last College Status	A slightly higher percent of occupational students were attending college for the first time than were transfer students.

Table 6 shows the majors selected by transfer and occupational students on their application form. Again, this information indicates how the students replied at the time of admission and does not necessarily indicate in what programs they enrolled.

The majors most frequently selected by transfer and occupational students and the percent of transfer and occupational selecting the majors are shown in Table 7. General curriculum is selected most frequently by all students. Various kinds of business programs are frequently selected by both transfer and occupational students.

TABLE 1
MARICOPA COMMUNITY COLLEGES
ENROLLMENT OF TRANSFER AND OCCUPATIONAL STUDENTS
FALL 1980-81

	TRANSFER STUDENTS	OCCUPATIONAL STUDENTS	ALL STUDENTS*
HEADCOUNT	18,873	24,856	60,798
% OF TOTAL HEADCOUNT	31%	41%	
FTSE	11,278	10,752	28,689
% OF TOTAL FTSE	39%	37%	
VOCATIONAL FTSE	2,119	5,027	9,331
% OF VOCATIONAL FTSE	23%	54%	
% OF TOTAL FTSE	7%	18%	33%
NON-VOCATIONAL FTSE	9,159	5,725	19,358
% OF NON-VOCATIONAL FTSE	47%	30%	
% OF TOTAL FTSE	32%	20%	67%

SOURCE: S90027, 45th DAY

*ALL STUDENTS INCLUDES TRANSFER AND OCCUPATIONAL AS WELL AS THOSE WHO DID NOT DECLARE THEIR INTENT ON THEIR APPLICATION FORM.

TABLE 2

MARICOPA COMMUNITY COLLEGES

CREDIT HOUR DISTRIBUTIONS FOR TRANSFER AND OCCUPATIONAL STUDENTS

FALL 1980-81

	TRANSFER STUDENTS						OCCUPATIONAL STUDENTS						ALL STUDENTS*			
Credit Hour Enrollment	Headcount	%	% of MCCCD Total Headcount	FTSE	%	% of MCCCD Total FTSE	Headcount	%	% of MCCCD Total Headcount	FTSE	%	% of MCCCD Total FTSE	Headcount	%	FTSE	%
0 - 3 Hours	3474	18%	6%	614	5%	2%	8900	36%	15%	1611	15%	5%	19926	33%	3430	12%
4 - 9 Hours	6967	37%	11%	3017	27%	11%	10303	41%	17%	4250	40%	15%	23413	39%	9743	34%
10+ Hours	8432	45%	14%	7647	68%	26%	5653	23%	9%	4891	45%	17%	17459	29%	15516	54%
TOTALS	18873	100%	31%	11278	100%	39%	24856	100%	41%	10752	100%	37%	60798	100%	28689	100%

Source: S90028, 45th Day

*All students includes Transfer and Occupational as well as those who did not declare their intent on their application forms.

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TABLE 3
MARICOPA COMMUNITY COLLEGES
FTSE OF TRANSFER AND OCCUPATIONAL STUDENTS BY DAY/EVENING AND COLLEGE
FALL 1980-81

	TRANSFER STUDENTS			OCCUPATIONAL STUDENTS			ALL STUDENTS*		
	DAY	EVE	DAY & EVE	DAY	EVE	DAY & EVE	DAY	EVE	DAY & EVE
MCCCD	7934	3344	11278	5356	5396	10752	16561	12128	28689
%	70%	30%		50%	50%		58%	42%	
GCC	2164	808	2973	1169	1103	2273	4159	2453	6612
%	73%	37%		51%	49%		63%	37%	
MTCC	96	67	163	862	563	1424	1014	666	1679
%	59%	41%		61%	39%		60%	40%	
MCC	2458	960	3417	1237	1101	2339	4661	2608	7269
%	72%	28%		53%	47%		64%	36%	
PC	1993	797	2790	1467	1313	2780	4113	2569	6682
%	71%	29%		53%	47%		62%	38%	
RSCC	-	300	300	-	823	823	-	2546	2546
%		100%			100%			100%	
SCC	1191	360	1551	539	393	932	2464	1083	3547
%	77%	23%		58%	42%		69%	31%	
SMCC	32	52	84	82	100	182	151	203	354
%	38%	62%		45%	55%		43%	57%	

SOURCE: S90027-1, 45th DAY

*ALL STUDENTS INCLUDES TRANSFER AND OCCUPATIONAL AS WELL AS THOSE WHO DID NOT DECLARE THEIR INTENT ON THEIR APPLICATION FORMS.

TABLE 4
MARICOPA COMMUNITY COLLEGES
HEADCOUNT OF TRANSFER AND OCCUPATIONAL STUDENTS BY DAY/EVENING AND COLLEGE
FALL 1980-81

	TRANSFER STUDENTS			OCCUPATIONAL STUDENTS			ALL STUDENTS*		
	DAY	EVE	DAY & EVE	DAY	EVE	DAY & EVE	DAY	EVE	DAY & EVE
MCCCD	11037	7836	18873	8721	16135	24856	25179	35619	60798
%	58%	42%		35%	65%		41%	59%	
GCC	2952	1884	4836	1899	3260	5159	6238	6763	13001
%	61%	39%		37%	63%		48%	52%	
MTCC	145	137	282	1397	1378	2775	1623	1588	3211
%	51%	49%		50%	50%		51%	49%	
MCC	3384	2058	5442	1977	3091	5068	6902	6738	13640
%	62%	38%		39%	61%		51%	49%	
PC	2741	1900	4641	2374	3843	6217	6240	7255	13495
%	59%	41%		38%	62%		46%	54%	
RSCC	-	1011	1011	-	3148	3148	-	9871	9871
%		100%			100%			100%	
SCC	1760	738	2498	940	1170	2110	3924	2930	6854
%	70%	30%		45%	55%		57%	43%	
SMCC	55	108	163	134	245	379	252	474	726
%	34%	66%		35%	65%		35%	65%	

SOURCE: S90027-1, 45th DAY

*ALL STUDENTS INCLUDES TRANSFER AND OCCUPATIONAL AS WELL AS THOSE WHO DID NOT DECLARE THEIR INTENT ON THEIR APPLICATION FORM.

TABLE 5
MARICOPA COMMUNITY COLLEGES
CHARACTERISTICS OF TRANSFER AND OCCUPATIONAL STUDENTS
FALL 1980-81

	TRANSFER STUDENTS		OCCUPATIONAL STUDENTS		ALL STUDENTS*	
	NUMBER	%	NUMBER	%	NUMBER	%
TOTAL HEADCOUNT	18,873		24,856		60,798	
CLASS						
FRESHMAN	12,717	67%	19,587	79%	46,988	77%
SOPHOMORE	4,947	26%	2,990	12%	8,750	14%
UNCLASSIFIED	1,209	6%	2,279	9%	5,060	8%
SEX						
MALE	9,213	49%	10,856	44%	25,441	42%
FEMALE	9,573	51%	13,847	56%	30,436	50%
NOT CODED	87	<1%	153	1%	4,921	8%
ETHNIC BACKGROUND						
AMERICAN INDIAN	351	2%	452	2%	1,038	2%
ORIENTAL	282	1%	370	1%	978	2%
BLACK	742	4%	985	4%	2,206	4%
CHICANO	1,411	7%	2,142	9%	4,537	7%
WHITE/OTHER	15,998	85%	20,558	83%	46,066	76%
NOT CODED	89	<1%	349	1%	5,973	10%
AGE						
19 & UNDER	5,942	31%	3,844	15%	12,736	21%
20-25	6,163	33%	7,158	29%	17,192	28%
26-29	2,106	11%	3,848	15%	7,810	13%
30-39	2,756	15%	5,901	24%	11,824	19%
40-49	1,226	6%	2,703	11%	5,696	9%
50-59	443	2%	1,102	4%	2,508	4%
60 & OVER	202	1%	230	1%	1,194	2%
NOT CODED	35	<1%	70	<1%	1,838	3%
ADMISSION STATUS						
COLLEGE TRANSFER	5,593	30%	6,937	28%	16,418	27%
HIGH SCHOOL GRAD	11,238	60%	13,596	55%	32,904	54%
GED	906	5%	1,819	7%	3,605	6%
ABLE & AMBITIOUS	309	2%	111	<1%	655	1%
MATURITY	798	4%	2,305	9%	4,741	8%
NOT CODED	29	<1%	88	<1%	2,475	4%
LAST COLLEGE STATUS						
FIRST TIME COLLEGE	3,985	21%	6,787	27%	16,985	28%
TRANSFER WITHIN MCCCD	10,992	58%	11,099	45%	28,746	47%
TRANSFER OUTSIDE MCCCD	3,896	21%	6,970	28%	15,067	25%

SOURCE: S90028, 45th DAY
*ALL STUDENTS INCLUDES TRANSFER AND OCCUPATIONAL AS WELL AS THOSE WHO DID NOT DECLARE THEIR INTENT ON THEIR APPLICATION FORM.

TABLE 6
MARICOPA COMMUNITY COLLEGES
NUMBER OF TRANSFER AND OCCUPATIONAL STUDENTS
SELECTING MAJORS LISTED ON APPLICATION FORM
FALL 1980-81

	TRANSFER STUDENTS	OCCUPATIONAL STUDENTS	ALL STUDENTS*
ACCOUNTING	660	873	1771
ADMIN OF JUSTICE	170	536	813
ADVERTISING ART	104	192	339
AGRI-BUSINESS	34	48	100
AGRI-PRODUCTION & MGT	27	49	90
AGRI-PRODUCTION MID-MGT	3	6	10
AGRI-PROFESSIONAL	67	27	116
APPLIANCE SERVICE TECH	4	4	10
APPRENTICESHIP PROGRAM	5	34	50
ART, GENERAL	452	338	1032
AUTOMOTIVE TECH	52	559	697
BANKING AND FINANCE	68	534	699
BILINGUAL TEACHER'S AIDE	10	59	85
BIOLOGY	220	46	310
BIO-MEDICAL TECH	14	42	61
BIOMEDICAL ELECTRONICS	5	2	9
BUILDING MATERIALS MGT	6	34	52
BUILDING AND CONSTRUCT	14	134	169
BUSINESS ADMIN	1980	1174	3650
BUSINESS, GENERAL	853	1884	3239
BUSINESS MACHINE TECH	22	60	98

*ALL STUDENTS INCLUDES TRANSFER AND OCCUPATIONAL AS WELL AS THOSE WHO DID NOT DECLARE THEIR INTENT ON THEIR APPLICATION FORM.

TABLE 6
MARICOPA COMMUNITY COLLEGES
MAJORS SELECTED BY TRANSFER AND OCCUPATIONAL STUDENTS
FALL 1980-81

	TRANSFER STUDENTS	OCCUPATIONAL STUDENTS	ALL STUDENTS*
CHEMICAL TECH	12	8	24
CHEMISTRY	74	23	108
CHILD CARE ADMIN	25	72	124
CLERICAL	8	148	181
COMPUTER APPLIC PROG	218	653	981
COMPUTER OPERATOR	36	183	262
COUNSELOR TECH	12	44	65
COURT REPORTING	13	98	125
CREDIT UNION MGT	3	14	23
DATA ENTRY	12	303	347
DATA PROCESSING	88	526	706
DENTAL ASSISTANT	9	51	61
DENTAL HYGIENIST	61	112	201
DRAFTING	140	561	796
ECONOMICS	49	15	75
EDUCATION	721	298	1213
EDUCATION ADMIN ASST	1	9	10
ELECTRICAL INDUSTRY MGT	5	27	38
ELECTRICAL TECH	41	278	380
ELECTRONICS ENGINEERING	276	393	557
ELECTRONICS TECH	84	963	1158
EMERGENCY MEDICAL TECH	20	198	263
ENGINEERING	996	345	1519

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TABLE 6
MARICOPA COMMUNITY COLLEGES
MAJORS SELECTED BY TRANSFER AND OCCUPATIONAL STUDENTS
FALL 1980-81

	TRANSFER STUDENTS	OCCUPATIONAL STUDENTS	ALL STUDENTS*
ENGLISH	162	108	369
EQUINE TRAINING MGT	9	73	110
FAMILY STUDIES	6	12	22
FASHION MERCHANDISING	79	153	276
FIRE SCIENCE	30	298	371
FOOD SERVICE ADMIN	16	53	82
FOREIGN LANGUAGES	129	133	367
GENERAL CURRICULUM	4356	3175	11076
GEOLOGY/EARTH SCIENCE	85	28	150
GRAPHICS COMMUNICATIONS	8	30	42
HEALTH CARE SUPERVISION	21	31	62
HISTORY	76	28	122
HOME ECONOMICS	140	170	412
HOSPITALITY	5	20	33
INSURANCE	18	94	130
INTERIOR DESIGN	113	252	456
JOURNALISM	158	63	267
LEGAL ASSISTANT	66	171	273
LIBERAL ARTS	363	182	699
LEGAL SECRETARY	16	99	136
LIBRARY TECH	19	54	85

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TABLE 6
MARICOPA COMMUNITY COLLEGES
MAJORS SELECTED BY TRANSFER AND OCCUPATIONAL STUDENTS
FALL 1980-81

	TRANSFER STUDENTS	OCCUPATIONAL STUDENTS	ALL STUDENTS*
MACHINE SHOP TECH	8	130	159
MANUFACTURING PROCESS	9	56	72
MASS COMMUNICATIONS	84	91	207
MATHEMATICS	109	79	219
MEDICAL LABORATORY TECH	45	72	130
MEDICAL RECEPTIONIST	2	28	35
MEDICAL RECORDS TECH	4	50	60
MEDICAL SECRETARY	5	27	41
MEDICAL TECH	88	45	156
MEDICAL TRANSCRIPTION	4	22	29
MENTAL HEALTH TECH	9	30	46
MERCHANDISING AND SELLING	26	52	87
MIDDLE MANAGEMENT	82	377	511
MOTION PICTURE/TV	52	70	141
MUSIC	310	162	579
NURSING ASSISTANT	4	16	30
NURSING, LPN	28	186	260
NURSING, RN	363	1179	1779
ORNAMENTAL HORTICULTURE	11	28	44
PARKS MGT	13	20	41
PHOTOGRAPHY, PHOTO ART	129	235	465

*ALL STUDENTS INCLUDES TRANSFER AND OCCUPATIONAL AS WELL AS THOSE WHO DID NOT DECLARE THEIR INTENT ON THEIR APPLICATION FORM.

TABLE 6
MARICOPA COMMUNITY COLLEGES
MAJORS SELECTED BY TRANSFER AND OCCUPATIONAL STUDENTS
FALL 1980-81

	TRANSFER STUDENTS	OCCUPATIONAL STUDENTS	ALL STUDENTS*
PHYSICAL EDUCATION	460	200	901
PHYSICS	50	13	73
POLITICAL SCIENCE	82	23	130
POSTAL SUPERVISION MGT	0	4	5
PRE-PROFESSIONAL	581	41	644
PROFESSIONAL GOLF MGT	2	4	8
PSYCHOLOGY	484	173	775
PUBLIC ADMIN	19	19	43
PUBLIC RELATIONS	48	83	160
QUALITY CONTROL TECH	8	106	136
RADIATION THERAPY	16	64	90
REAL ESTATE	39	307	423
RECEPTIONIST/PBX OPERATOR	3	17	22
RECORDS MGT	0	15	18
RECREATION	38	27	84
REFRIGERATION/AIR COND	8	230	243
RESPIRATORY THERAPY	11	85	104
RETAIL SELLING	2	13	18
SECRETARY	31	429	540
SOCIAL WORK	129	172	369
SOCIOLOGY	118	53	193

*ALL STUDENTS INCLUDES TRANSFER AND OCCUPATIONAL AS WELL AS THOSE WHO DID NOT DECLARE THEIR INTENT ON THEIR APPLICATION FORM.

TABLE 6
MARICOPA COMMUNITY COLLEGES
MAJORS SELECTED BY TRANSFER AND OCCUPATIONAL STUDENTS
FALL 1980-81

	TRANSFER STUDENTS	OCCUPATIONAL STUDENTS	ALL STUDENTS*
SOLAR ENERGY TECH	7	63	73
SOUTHWEST STUDIES	3	5	20
SPEECH	38	10	57
SUPERVISORY MGT	24	228	282
SURGICAL TECH	4	5	9
TEACHER'S AIDE	6	29	49
THEATRE ARTS	123	51	217
TYPIST/CLERICAL TECH	3	112	139
UNIT CLERK	1	25	27
VISUAL COMMUNICATIONS	8	21	30
WELDING TECH	15	276	322
WORD PROCESSING	3	66	80
OTHER	1391	908	2709
NOT CODED	234	839	8557
TOTAL HEADCOUNT	18873	24856	60798

SOURCE: S90027, 45th Day

*ALL STUDENTS INCLUDES TRANSFER AND OCCUPATIONAL AS WELL AS THOSE WHO DID NOT DECLARE THEIR INTENT ON THEIR APPLICATION FORM.

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TABLE 7
MARICOPA COMMUNITY COLLEGES
PERCENT OF TRANSFER AND OCCUPATIONAL STUDENTS SELECTING MAJORS
FALL 1980-81

TRANSFER STUDENTS		OCCUPATIONAL STUDENTS		ALL STUDENTS*	
GENERAL CURRICULUM	23%	GENERAL CURRICULUM	13%	GENERAL CURRICULUM	18%
BUSINESS ADMIN	10%	BUSINESS, GENERAL	8%	BUSINESS ADMIN	6%
ENGINEERING	5%	NURSING, RN	5%	BUSINESS, GENERAL	5%
BUSINESS, GENERAL	5%	BUSINESS ADMIN	5%	NURSING, RN	3%
EDUCATION	4%	ELECTRONICS TECH	4%	ACCOUNTING	3%
ACCOUNTING	3%	ACCOUNTING	4%	ENGINEERING	2%
PRE-PROFESSIONAL	3%	COMPUTER APPLIC PROG	3%	EDUCATION	2%
PSYCHOLOGY	3%	DRAFTING	2%	ELECTRONICS TECH	2%
PHYSICAL EDUCATION	2%	AUTOMOTIVE TECH	2%	ART, GENERAL	2%
ART, GENERAL	2%	ADMIN OF JUSTICE	2%	COMPUTER APPLIC PROG	2%

SOURCE: S90028, 45th DAY

*ALL STUDENTS INCLUDES TRANSFER AND OCCUPATIONAL STUDENTS AS WELL AS THOSE WHO DID NOT DECLARE THEIR INTENT ON THEIR APPLICATION FORM.

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